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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/678,910

10/02/2003

Conor P. Cahill

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GLENN PATENT GROUP
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EXAMINER

CHEN, SHIN HON

ART UNIT

PAPER NUMBER

2131

DATE MAILED: 01/18/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/678,910

Applicant(s)

CAHILL ET AL.

Examiner

Shin-Hon Chen

Art Unit

2131

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
 - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
 - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 20 May 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-33 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-33 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 02 October 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) ☒ Notice of References Cited (PTO-892) | 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) ☐ Notice of Informal Patent Application (PTO-152) |
| 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>2/19/04</u> . | 6) ☐ Other: _____ |

DETAILED ACTION

1. Claims 1-33 have been examined.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-4, 7-15, 18-26, and 29-33 are rejected under 35 U.S.C. 102(e) as being clearly anticipated by Bhat et al. U.S. Pub. No. 20050240763 (hereinafter Bhat).
4. As per claim 1, Bhat discloses an identity based service system, comprising: at least one principal comprising at least one identity comprising user information (Bhat:[0063]-[0064]: user ID and password); a basic authentication agency for managing at least one identity for the principal, and for authenticating the principal (Bhat: [0065]: authentication service module); and a system entity which is accessible by the principal, based on an authentication of the principal by the basic authentication agency, and based on retrieval of at least a portion of user information from the basic authentication agency (Bhat: [0065]-[0066]: the authentication service module provides SSO service).

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5. As per claim 2, Bhat discloses the identity based service system of claim 1. Bhat further discloses the system comprising: at least one core service associated with the system and related to at least a portion of the user information (Bhat: [0023]: provide web-based application resources and services).

6. As per claim 3, Bhat discloses the identity based service system of claim 2. Bhat further discloses wherein the core service is accessible by the user, based on an authentication of the principal by the basic authentication agency (Bhat: [0026]: access to resources is granted after authentication).

7. As per claim 4, Bhat discloses the identity based service system of claim 2. Bhat further discloses wherein the core service is accessible by the system entity, based on an authentication of the principal by the basic authentication agency (Bhat: [0065]-[0066]).

8. As per claim 7, Bhat discloses the identity based service system of claim 1. Bhat further discloses wherein the basic authentication agency further comprises means for translating namespaces, such that a user identity of a principal in a first namespace is translatable to a user identity in a second namespace (Bhat: [0064]-[0066]: after user has been authenticate by user name/password, a encrypted login token is provided to user).

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9. As per claim 8, Bhat discloses the identity based service system of claim 7. Bhat further discloses wherein the user identity in the second namespace is encrypted (Bhat: [0066]: the encrypted login token is encrypted).

10. As per claim 9, Bhat discloses the identity based service system of claim 7. Bhat further discloses wherein the user identity in the second namespace is time-bound (Bhat: [0074]: SSO token listener to determine the time for the SSO token to expire).

11. As per claim 10, Bhat discloses the identity based service system of claim 1. Bhat further discloses the system comprising: at least one core authentication record associated with the identity, comprising any of services and links associated with the identity (Bhat: [0057]).

12. As per claim 11, 23, and 33, Bhat discloses an identity based service system, comprising: a basic authentication agency for managing an identity for a user (Bhat: [0064]-[0066]); means for discovering a service descriptor for the user, based on a received user identifier and a service name from the basic authentication agency (Bhat: [0023]: user requests applications and services); and whereby at least one web service is accessible, based upon the discovered service descriptor and the name identifier (Bhat: [0023]-[0028]).

13. As per claim 12-15, 18-22, 24-26, and 29-32, claims 12-15, 18-22, 24-26, and 29-32 encompass the same scope as claims 1-4 and 7-10. Therefore, claims 12-15, 18-22, 24-26, and 29-32 are rejected based on the same reasons set forth in rejecting claims 1-4 and 7-10.

Claim Rejections - 35 USC § 103

14. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

15. Claims 5, 6, 16, 17, 27, and 28 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bhat in view of Rozmus et al. U.S. Pub. No. 20040267870 (hereinafter Rozmus).

16. As per claim 5, Bhat discloses the identity based service system of claim 2. Bhat does not explicitly disclose wherein the core service is associated with one or more core service providers. However, Rozmus discloses that Single Sign On service can be used to authenticate users requesting access to different services desired by a user, such as electronic banking, Web e-mail, online shopping, etc. (Rozmus: [0015]). It would have been obvious to one having ordinary skill in the art to allow users to access applications or services provided by different service providers to avoid having to be authenticated by each service provider. Therefore, it would have been obvious to one having ordinary skill in the art at the time of applicant's invention to combine the teachings of Rozmus within the system of Bhat because it allows users to access different services not limited to applications or services provided by a single service provider.

17. As per claim 6, Bhat discloses the identity based service system of claim 2. Bhat does not explicitly disclose wherein the core service comprises any of an authentication service, a profile

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service, an alert service, a calendar service, and a wallet service. However, Rozmus discloses that Single Sign On service can be used to authenticate users requesting access to different services desired by a user, such as electronic banking, Web e-mail, online shopping, etc.

(Rozmus: [0015]). It would have been obvious to one having ordinary skill in the art to allow users to access applications or services provided by different service providers to avoid having to be authenticated by each service provider. Therefore, it would have been obvious to one having ordinary skill in the art at the time of applicant's invention to combine the teachings of Rozmus within the system of Bhat because it allows users to access different services not limited to applications or services provided by a single service provider.

18. As per claim 16, 17, 27, and 28, claims 16, 17, 27, and 28 encompass the same scope as claims 6 and 7. Therefore, claims 16, 17, 27, and 28 are rejected based on the same reasons set forth in rejecting claims 6 and 7.

Conclusion

19. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Yared et al. U.S. Pub. No. 20030149781 discloses distributed network security applying multiple identity providers and service providers.

Chavis et al. U.S. Pub. No. 20040250140 discloses identifying users of network environments.

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Watanabe et al. U.S. Pub. No. 20030195858 discloses distributed information storage authentication and authorization.

Lucovsky U.S. Pub. No. 20040210839 discloses schema-based service for identity-based data access to application settings data.

Alles et al. U.S. Pub. No. 20040003112 discloses identity-based distributed computing for device resources.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Shin-Hon Chen whose telephone number is (571) 272-3789. The examiner can normally be reached on Monday through Friday 8:30am to 5:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz Sheikh can be reached on (571) 272-3795. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Shin-Hon Chen
Examiner
Art Unit 2131

SC


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